

REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested. Claims 1-18 and 30-51 are pending, Claims 1, 10, and 30-32 having been amended, Claims 19-27 having been canceled without prejudice or disclaimer, and Claims 40-51 having been added by way of the present amendment. No new matter is added.

In the outstanding Office Action Figure 9A and 9B were objected to; Claims 28-31 were objected to; Claims 19-27 were rejected under 35 U.S.C. § 101; Claims 28-31 were rejected as being anticipated by Tahara et al. (WO 00/46989, hereinafter Tahara); and Claims 1-27 and 32-39 were objected to as being unpatentable over Tahara.

In reply, new drawings, adding the legend "Prior Art" have been filed herewith.

The objection to Claims 30-31 has been overcome by way of the present amendment.

The rejection of Claims 19-27 is moot in view of the cancellation of these claims.

Claim 1 has been amended to define a recording method having steps of
inputting time-series information;

carrying out data compression on the time-series information including generating management information and additional information, said management information for use in a decoding/reproduction process for decoding and reproducing said time-series information, said additional information being supplemental information regarding said time-series information; and

recording said time-series information once compressed, said management information, and said additional information onto a recording medium, with said management information and said additional information being recorded in at least one of logical and physical positions are next to each other in respective predetermined decoding/reproduction units.

Support for the amendment to Claim 1 is found, for example, in Figures 5A-B and in Figures 7A-7D. In Figure 7B, “NV_PCK” corresponds to “management information” and “ARI_PCK” corresponds to “additional data”. In this non-limiting example, “NV_PCK” is a navigation video pack that includes data of a group of pictures (GOP) and is generally referred to as a “navigation pack”. This is because the pack contains reproduction management information such as data search information. Similarly, the “ARI_PCK”, is an additional-information pack that is located (either logically or physically) at a position immediately next to the management information (See Fig. 7B). In a non-limiting example, “ARI_PCK” may contain a same time stamp as a time stamp added to a picture associated with the additional information contained in the particular additional-information pack. (See, e.g. Specification, page 32, second paragraph and pages 33-34). One benefit of this approach is that additional information added to data can be output with a timing of the reproduction output of the data (See, e.g. Specification page 8, second paragraph). As recognized by the present inventors, the locations at which the management information and additional information are located contributes to the rapid display of additional information in the reproducing apparatus.

The outstanding Office Action identifies various features in Tahara as being relevant to the originally claimed invention. However, in view of the present amendment, it is respectfully submitted that Tahara does not disclose storing “additional information” on a recording medium. Because Tahara does not disclose storing “additional information”, neither can it disclose, teach, or suggest recording management information and additional information next to each other in respective predetermined decoding/reproduction units as claimed. Therefore, since amended Claim 1 requires that the additional information and the management information be stored next to each other, it is respectfully submitted that Tahara neither teaches nor suggests all of the elements of amended Claim 1.

Although of differing statutory class and/or scope, it is respectfully submitted that Claims 2-18 and 28-51, as amended, also patentably define over Tahara.

The present application is therefore believed to be in condition for formal allowance and an early and favorable reconsideration of this application is therefore requested.


Respectfully submitted,

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